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September 2008 Communications of the ACM

Publisher: ACM

Full text available: Digital Edition, Pdf (8.68 MB) [Additional Information: full citation](#)

Bibliometrics: Downloads (6 Weeks): 796, Downloads (12 Months): 2819, Cita

2 [ABASH: finding bugs in bash scripts](#)

Karl Mazurak, Steve Zdancewicz

June 2007 PLAS '07: Proceedings of the 2007 workshop on Programming security

Publisher: ACM

Full text available: Pdf (262.29 KB) [Additional Information: full citation, abstract, i](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 54, Citation

This paper describes the design and implementation of ABASH, a tool fo  
written in the bash scripting language. Although it makes no formal gua  
spurious warnings (largely due to the ...

Keyw ord s: abstract interpretation, bash, scripting languages

3 [Experiences of using wearable computers for ambient telepresence](#)

Mikael Drugge, Marcus Nilsson, Roland Parvainen, Peter Parnes

October 2004 ETP '04: Proceedings of the 2004 ACM SIGMM workshop on I  
Publisher: ACMFull text available: Pdf (1.11 MB) [Additional Information: full citation, abstract, i](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 72, Citation

We present our experiences of using wearable computers for providing i  
to members of an e-meeting. Using a continuously running e-meeting s  
and informal studies and observations, this form of ...

Keyw ord s: ambient telepresence, mobile e-meetings, remote interacti

4 [E-governance in trade facilitation: transparency and ICT as prerequis](#)

Paul Kimberley

December 2007 | ICGOV '07: Proceedings of the 1st international conference on electronic governance

Publisher: ACM


Full text available:  Pdf (177.89 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 226, Citation (6 Weeks): 0, Citation (12 Months): 0

Trade facilitation is a generic term applied to the procedures and technical controls that facilitate domestic trade into global supply chains. While there are other aspects becoming progressively more important. The objective ...

Keywords: customs, data standards, e-governance, interconnection, information flow, supply chain security, technical controls, trade, transparency

## 5 Labels and event processes in the Asbestos operating system

 Steve Vandebogaert, Petros Elstathopoulos, Eddie Kohler, Maxwell Krohn, Gert-Jan Kaashoek, Robert Morris, David Mazieres

December 2007 Transactions on Computer Systems (TOCS) , Volume 25 |

Publisher: ACM


Full text available:  Pdf (1.21 MB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 59, Downloads (12 Months): 302, Citation (6 Weeks): 0, Citation (12 Months): 0

Asbestos, a new operating system, provides novel labeling and isolation mechanisms to protect the effects of exploitable software flaws. Applications can express a wide range of security policies. Asbestos's kernel-enforced labels, including controls ...

Keywords: Information flow, labels, mandatory access control, process isolation, servers

## 6 Interworking of traders in a distributed computing environment

 Michael J. Ketchabaw, Meeta M. Khurana, James W. Hong, Michael A. Baer  
November 1995 CSCON '95: Proceedings of the 1995 conference of the Canadian Society for Collaborative research


Publisher: IBM Press

Full text available:  Pdf (117.52 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 19, Citation (6 Weeks): 0, Citation (12 Months): 0

Distributed computing systems are composed of various types of services. An efficient distributed computing environment largely depends on the effectiveness of these services. One important aspect of managing services within ...

## 7 Developing adaptive groupware applications using a mobile component-based approach

 Radu Litiu, Atul Parakash

December 2000 CSCW '00: Proceedings of the 2000 ACM conference on Computer-Supported Cooperative work

Publisher: ACM



Full text available:  Pdf (168.38 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 66, Citation (6 Weeks): 0, Citation (12 Months): 0

A need exists to develop groupware systems that adapt to available resources and user requirements.

mobility. This paper presents DACIA, a system that provides mechanism applications. Using DACIA, components of a groupware application ...

- 8 [Dynamic and selective combination of extensions in component-based](#)  
Eddy Truyen, Bart Vanhaute, Bo Norregaard Jorgensen, Wouter Joosen, Pi  
July 2001 I CSE '01: Proceedings of the 23rd International Conference on  
Publisher: IEEE Computer Society

Full text available:  [Publisher Site](#),  [Pdf](#) (227.52 KB) Additional Information: [full citation](#)  
[terms](#)


Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 32, Citation (

*Support for dynamic and client-specific customization is required in many  
a (distributed) application as consisting of a minimal functional core — a  
based system, and an unbound set of potential ...*

- 9 [Projections into the world: service avatars as ambient intelligence ob](#)  
 Mike Kunavsky  
July 2005 interactions, Volume 12 Issue 4  
Publisher: ACM

Full text available:  [Html](#) (11.40 KB),  [Pdf](#) (292.86 KB) Additional Information: [full citation](#)


Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 49, Citation (

- 10 [The Jupiter audio/video architecture: secure multimedia in network p](#)  
 Pavel Curtis, Michael Dixon, Ron Frederick, David A. Nichols  
January 1995 MULTIMEDIA '95: Proceedings of the third ACM internation  
Publisher: ACM

Full text available:  [Html](#) (72.37 KB) Additional Information: [full citation](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 32, Citation (

Keywords: audio, collaboration, encryption, multicast, network places,


- 11 [Design and evaluation of a conit-based continuous consistency mod](#)  
 Haifeng Yu, Amin Vahdat  
August 2002 Transactions on Computer Systems (TOCS), Volume 20 Issu  
Publisher: ACM

Full text available:  [Pdf](#) (406.85 KB) Additional Information: [full citation](#), [abstract](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 161, Citatio

The tradeoffs between consistency, performance, and availability are we  
however, designers of replicated systems have been forced to choose fr  
guarantees or none at all. This paper explores the ...

Keywords: Conit, consistency model, continuous consistency, network  
replication

- 12 [People-centric urban sensing](#)  
 Andrew T. Campbell, Shane B. Eisenman, Nicholas D. Lane, Emiliano Miluzi  
August 2006 WICON '06: Proceedings of the 2nd annual international work  
Publisher: ACM

Full text available:  [Pdf](#) (249.73 KB) Additional Information: [full citation](#), [abstract](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 44, Downloads (12 Months): 280, Citation (

The vast majority of advances in sensor network research over the last development of a series of small-scale (100s of nodes) testbeds and sp environmental monitoring, etc.) that are built on ...


Keywords: mobile wireless sensor networks, people-centric, urban sen

### 13 CORBA Program Development, Part 3

J. Mark Shacklette, Jeff Lillian

July 1999 Linux Journal , Volume 1999 Issue 63es

Publisher: Specialized Systems Consultants, Inc.

Full text available:  HTML (25.42 KB) Additional Information: full citation, abstract, referen

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 20, Citation (

A look at CORBA implementations in Java to provide interoperability bet

### 14 Efficient fork-linearizable access to untrusted shared memory

 Christian Cachin, Abhi Shelat, Alexander Shraer

August 2007 PODC '07: Proceedings of the twenty-sixth annual ACM symposium on computing

Publisher: ACM


Full text available:  Pdf (359.46 KB) Additional Information: full citation, abstract, i

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 73, Citation (

When data is stored on a faulty server that is accessed concurrently by present inconsistent data to different clients. For example, the server m of one client, but respond with stale data ...

Keywords: arbitrary failures, fork-consistency, storage emulations

### 15 Conditions for access and use of legal document retrieval web servic

 Martine Boenk, Frances Brazier, David de Groot, Maarten van Stekelenburg

June 2007 ICAIL '07: Proceedings of the 11th international conference on


Publisher: ACM

Full text available:  Pdf (290.44 KB) Additional Information: full citation, abstract, i

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 55, Citation (

Documentation is essential to daily legal practice. On-line access is curr imposed by an information service provider with respect to access and u determine the value of such documentation. This paper ...

### 16 A distributed data space for music-related information

 Yves Raimond, Christopher Sutton, Mark Sandler

September 2007 MS '07: Workshop on multimedia information retrieval on semantics

Publisher: ACM


Full text available:  Pdf (620.90 KB) Additional Information: full citation, abstract, i

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 106, Citation

In this paper, we describe how some key Semantic Web technologies ca distributed knowledge environment several music-related sources of inf to feature extractors or personal music collections. ...


Keywords: MIR, multimedia, music, semantic-web

#### 17 [A Jini-based computing portal system](#)

 Toyotaro Suzumura, Satoshi Matsuo, Hidemoto Nakada

November 2001 Supercomputing '01: Proceedings of the 2001 ACM/IEEE (CDROM)

Publisher: ACM


Full text available:  Pdf (197.53 KB)

Additional Information: [full citation](#), [abstract](#), ...

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 28, Citation

JiPANG(A Jini-based Portal Augmenting Grids) is a portal system and a t access interface layer to a variety of Grid systems, and is built on top of technology. JiPANG performs uniform higher-level ...

#### 18 [Applying flow-sensitive CQUAL to verify MINIX authorization check](#)

 Timothy Fraser, Nick L. Petroni, Jr., William A. Arbaugh

June 2006 PLAS '06: Proceedings of the 2006 workshop on Programming security

Publisher: ACM

Full text available:  Pdf (69.35 KB)


Additional Information: [full citation](#), [abstract](#), ...

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 26, Citation

We present the first use of flow-sensitive CQUAL to verify the placemen authorization checks. Our analysis of MINIX 3 system servers and disco Of-Check/ Time-Of-Use bug demonstrate the effectiveness of ...

Keywords: CQUAL, MINIX, static analysis, type qualifiers

#### 19 [Proceedings of the SIGCHI conference on Human factors in computi](#)

 Mary Beth Rosson, David Gilmore

April 2007 CHI '07: Proceedings of the SIGCHI conference on Human fact

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

Welcome to the CHI 2007 proceedings. We believe the technical papers of the best current work in the diverse and dynamic field of human-com the leading HCI conference. Creating the technical ...

#### 20 [The Dublo Architecture Pattern for Smooth Migration of Business Inf Experience Report](#)

Wilhelm Hasselbring, Ralf Reussner, Holger Jaskel, Juergen Schlegelmich, I Kueghoff

May 2004 I CSE '04: Proceedings of the 26th International Conference on  
Publisher: IEEE Computer Society

Full text available:  [PDF](#) (125.50 KB) Additional Information: [full citation](#), [abstract](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 75, Citation





While the importance of multi-tier architectures for enterprise informatio  
and their benefits are well published, the systematic migration from mon  
multi-tier architectures is known to a much lesser ...

Keywords: Architecture Pattern, Software Architecture, Legacy System

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